

# Cytokeratin 19 antibody [HL1165]

**Cat. No. GTX636469**

<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG
<b>Application</b>	WB, ICC/IF, IHC-P
<b>Reactivity</b>	Human, Mouse, Rat

**Package**  
100 µl, 25 µl

## APPLICATION

### Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	Assay dependent
IHC-P	1:100-1:1000

Not tested in other applications.

**Calculated MW** 44 kDa. ( [Note](#) )

## PROPERTIES

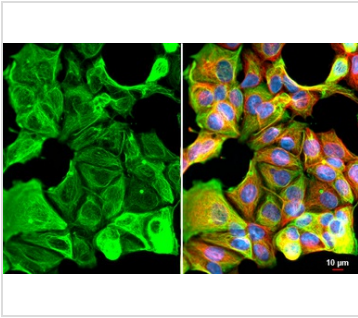
<b>Form</b>	Liquid
<b>Buffer</b>	PBS
<b>Preservative</b>	No preservative
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Concentration</b>	1 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human Cytokeratin 19. The exact sequence is proprietary.
<b>Purification</b>	Affinity purified by Protein A.
<b>Conjugation</b>	Unconjugated

**Note** For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



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**DATA IMAGES**

**GTx636469 ICC/IF Image**

Cytokeratin 19 antibody [HL1165] detects Cytokeratin 19 protein by immunofluorescent analysis.

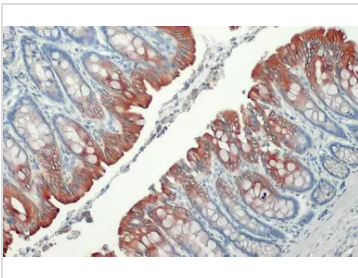
Sample: MCF-7 cells were fixed in ice-cold MeOH for 10 min.

Green: Cytokeratin 19 stained by Cytokeratin 19 antibody [HL1165] (GTx636469) diluted at 1:500.

Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [GT114] (GTx628802) diluted at 1:1000.

Blue: Fluoroshield with DAPI (GTx30920).

Scale bar= 10µm.

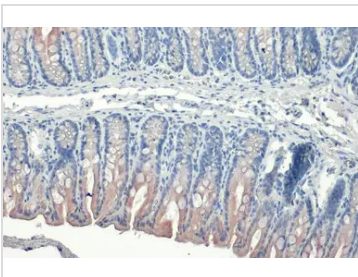

**GTx636469 IHC-P Image**

Cytokeratin 19 antibody [HL1165] detects Cytokeratin 19 protein at cell membrane and cytoplasm by immunohistochemical analysis.

Sample: Paraffin-embedded rat colon.

Cytokeratin 19 stained by Cytokeratin 19 antibody [HL1165] (GTx636469) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

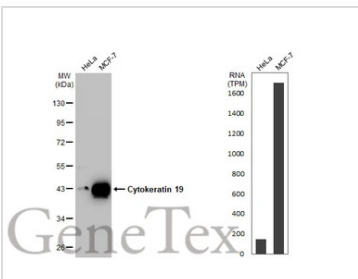

**GTx636469 IHC-P Image**

Cytokeratin 19 antibody [HL1165] detects Cytokeratin 19 protein at cytoplasm by immunohistochemical analysis.

Sample: Paraffin-embedded mouse colon.

Cytokeratin 19 stained by Cytokeratin 19 antibody [HL1165] (GTx636469) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


**GTx636469 WB Image**

Various whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with Cytokeratin 19 antibody [HL1165] (GTx636469) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody. Corresponding RNA expression data for the same cell lines are based on Human Protein Atlas program.



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